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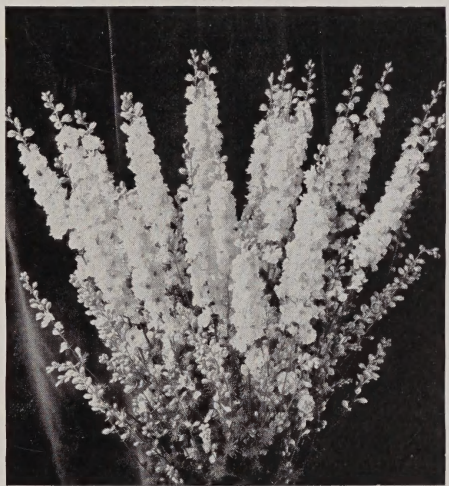
FLORISTS FLOWER SEEDS

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U. S. Department of Agriculture

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INSECTICIDES
FERTILIZERS
SUPPLIES



LARKSPUR (See Page 5)

⌘

JUNE
to
DECEMBER
1942

⌘

A. H. HUMMERT SEED CO.

2746-48 Chouteau Ave.

St. Louis, Mo.

Wholesale List

of SELECTED FLOWER SEEDS

"SNAPS" for Greenhouse Forcing

SPECIAL OFFER — WHERE PRICE IS:

\$1.00 per pkt., we supply any 3 for **\$2.50**; any 5 for **\$3.50**.
 \$1.50 per pkt., we supply any 3 for **\$4.00**; any 5 for **\$6.50**.
 \$2.00 per pkt., we supply any 3 for **\$5.00**; any 5 for **\$7.50**.
 ½ Tr. Pkts., all varieties listed at **\$1.00**, for **60c**.

Varities
preceded
by a star (*)
are best for
early
winter
flowering.

LEADING VARIETIES

	Tr. Pkt.
* America (Hodaly's) . An early rose-pink with yellow lip.....	\$1.50
* Better Times (Windmiller) . Bright rose-pink, early bloomer.....	2.00
* Christmas Cheer (Windmiller) . The best early pink. Easy to grow, sure to bloom, pleasing color, sow in June for Christmas crop.....	2.00
* Ethel . Is a large, bright yellow flower, winter bloomer, well formed head, good stems, shatterproof.....	1.50
* La France (Windmiller) . Ruffled satiny pink, excellent spikes and stem and a favorite with everyone.....	1.50
* Koester's White . A fine early new white.....	1.50
* Marie Louise . A beautiful shell pink.....	2.00
* Mary Ellen (Yoder's) . Early light rose-pink.....	2.00
* Peggy Schumann . A fine rose-pink, excellent spikes.....	2.00
Schumann's Lavender . Medium early.....	2.00
Schumann's Yellow . A fine yellow.....	2.00
* St. Louis Early Pink (Rowe's) . A fine early light pink.....	1.50
* Schlegel's Early White . Is a clear white with just a suggestion of light yellow at the lip.....	2.00
* Schlegel's Early Yellow . Is a bright lively yellow.....	2.00
* Talisman (Windmiller) . Improved strain, all double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade.....	2.00
* Yellow Delight . Fine early yellow.....	2.00
* Yellow Wonder . Early clear deep yellow.....	1.50

STANDARD GREENHOUSE VARIETIES

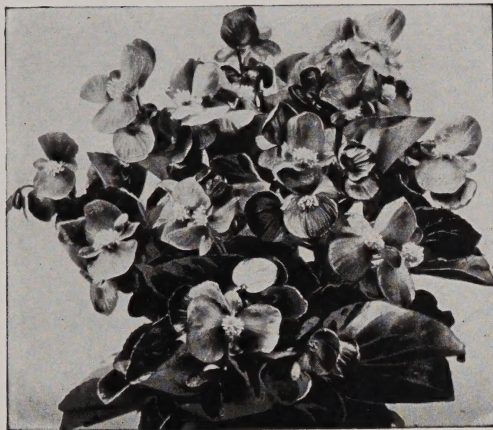
Afterglow . Deep golden bronze, medium early.....	\$1.00
Bertha Baur . Lavender orchid shade.....	1.00
* Ceylon Court Dark . Early yellow.....	1.00
* Ceylon Court . Standard early light yellow.....	1.00
* Cheviot Maid Supreme . Best early clear rose-pink.....	1.00
Coates' Yellow Perfection . A fine deep yellow, early.....	1.00
Gilbert's Pink . Medium early.....	1.50
Glorious . Deep bronze, shaded scarlet.....	1.50
Hodaly's Ideal . A popular bronze and gold.....	1.50
Klondyke Supreme . A deep golden yellow, large flower.....	1.50
Lucky Strike . Best white medium early.....	1.00
New Cincinnati . Light rose-pink, medium early.....	1.00
Roman Gold . Deep golden yellow.....	1.00
* Rose Queen . Fine deep rose, medium early.....	1.00
Schrock's Orchid . A fine orchid-lavender.....	1.00
* Sun Tan . Rosy-tan, yellow lip.....	1.00
Velvet Beauty . Rich American Beauty, red in color.....	1.00
* White Prosperity . Clear white, extra fine.....	1.50
* White Wonder . Early snow-white.....	1.50
Greenhouse Varieties, Mixed . A good mixture.....	.75

In sowing Snapdragon Seed always bear in mind that failure in germination usually results either from covering the seeds too thickly with soil or allowing the flats to dry out while germination is under way, or not applying sufficient shade up to time the seedlings appear. For winter crop the seed should be sown in June and prevention should be taken to prevent damping off. Experimental tests have shown that on an average the most profitable spacing on an early crop is 8x8 inches. The closer the planting the smaller number of stems per plant and the shorter the stems. On a farther planting the cut per square foot is considerably less and the stems only a small percentage longer. Spring plantings however can be spaced closer. Grow in temperature about 45 to 48 degrees at night, 60 degrees during the day.



BEGONIA

Among the best bedding plants for semi-shady positions and equally valuable for house culture and pots.



Begonia

CALENDULA

Calendula are easily grown in a cool house with plenty of air. In fall, leave the ventilators wide open at all times if possible. A midwinter temperature of 45 degrees at night is best. If grown cool in a good soil you will get good hardy plants. The reason flowering plants sometimes come single is due to check in growth, such as poor soil, lack of water, or weakened through aphids. Sow seed first week in August for end of December or January crop. One ounce will produce about 2500 plants.

Tr. Pkt. ¼ Oz. Oz.

Ball's Gold Improved. Deep golden yellow, extra long stemmed. \$0.25 \$0.50 \$1.50

Ball's Lemon Queen. Clear yellow, dark centered, medium long stem. .25 .50 1.50

Ball's Supreme. Light orange, dark center, medium long stem. .25 .50 1.50

Ball's Masterpiece. the finest long stemmed, dark center orange. .25 .50 1.50

Ball's Improved Long Orange. Long-stemmed, light center, clear orange. .25 .50 1.50

Sensation, Improved. Long stems very double, brilliant orange flowers. .25 .50 1.50

Price of the above: 2 Ozs. \$2.50; 4 Ozs. \$4.50.

Tr. Pkt. Oz.
Chrysanth (Sunshine). Buttercup yellow. \$0.15 \$0.50

Orange King. Rich deep orange red, dark center, medium; fine for pots and bedding. .15 .50

Tr. Pkt.
Carmen. Bright rose flowers, bronze foliage. \$1.00

Christmas Cheer Red. A very large-flowered variety, color dark crimson-scarlet. 1.00

Christmas Pink. Identical to above variety, only the color is a delightful shade of warm rose-pink. 1.00

Blaze of Fire. Extra dwarf compact habit; large fiery red flowers; green foliage. \$1.00

Gracilis Luminosa. Deep dark scarlet foliage, reddish brown. 10-inch. 1.00

Luminosa Compacta. Extra dwarf, scarlet. 1.00

Indian Maid. 10-inch. Bright deep scarlet flowers with deep lustrous bronze foliage. 1.00

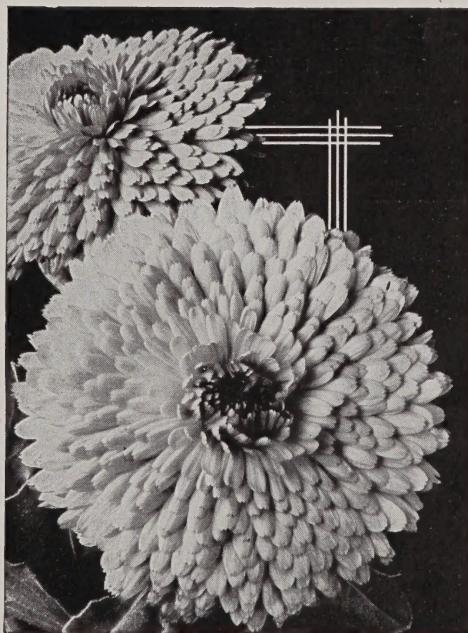
Masterpiece. One of the largest flowered fibrous rooted Begonias, and the clear rose-pink blossoms. 1.00

Pink Pearl. Same extra compact habit as Red Pearl, but flowers are a clear rose-pink. Ideal for pots. 1.00

Prima Donna. Light Rose shading to carmine. Very excellent. 1.00

Red Pearl. Bright scarlet flowers freely produced on extra compact round plants. 1.00

White Pearl. Pure white, green foliage. 1.00



Calendula Sensation Improved

ASPARAGUS

Plumosus Nanus. Carefully harvested, hand-picked, plump well-matured seed.

100 seeds.....	\$0.25	1,000 seeds.....	\$1.20
250 seeds.....	.50	5,000 seeds.....	5.00

Sprengeri

100 seeds.....	\$0.25	1,000 seeds.....	\$1.20
250 seeds.....	.50	5,000 seeds.....	5.00

CALCEOLARIAS

Our strain of these is produced by the foremost specialists.

This highly attractive pot plant calls for a cool house, must be sheltered from strong sun and they are easily over-watered. Sow seed in July-August for nice plants for Mother's Day.

Tr. Pkt.

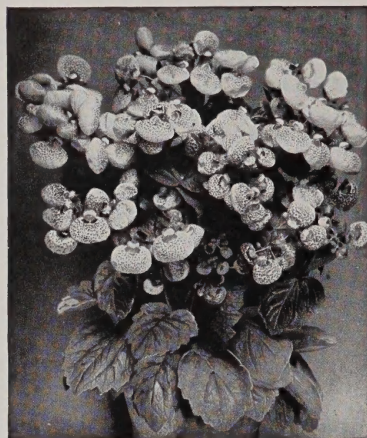
Flower Cloud. The most free blooming Calceolaria, in all colors. Leaves are rather elastic, making them easy to pack..... 1.00

Tigered and Self-coloured. A very attractive mixture of tigered or spotted types.....\$1.00

Golden Tiger. Bright, golden yellow flowers with dark brownish red dots, masses of small substantial blooms spread in plenty above the foliage. Multiflora Nana type.....1.00

Indian Prince. A selection from the popular Multiflora Nana strain, retaining the fine dwarf, free-flowering habit. The color is a rich dark scarlet with an orange suffusion.....1.00

Multiflora Nana, Mixed. Dwarf compact growth; medium sized brightly colored flowers in choicest mixture; a great favorite.....1.00

**Calceolaria****CANDYTUFT**

Giant Hyacinth Flowered White, Extra Select

Tr. Pkt. Oz.

This is a very superior strain; it grows about 1½ feet high, with enormous trusses of blooms. Lb., \$7.00.....\$0.20 \$0.65

CANDYTUFT UMBALLATA

Tr. Pkt. Oz. ¼ Lb.

Carmine	\$0.15	\$0.40	\$1.00
Flesh Pink.....	.15	.40	1.00
Lavender.....	.15	.40	1.00
Rose Cardinal.....	.15	.40	1.00
White.....	.15	.40	1.00
Fine Mixed. All varieties.....	.15	.35	.90

CENTAUREA CYANUS, Double

(**Cornflower or Batchelor's Button**), 3 feet

Seed of this valuable cut flower can be sown outdoors during September and usually lives outdoors during winter, same as annual Larkspur.

	Tr. Pkt.	Oz.	Lb.
Blue Boy. Finest blue	\$0.15	\$0.35	\$3.50
Pinkie. Fine deep pink.....	.15	.35	3.50
Snow Man. Pure White.....	.10	.35	3.50
Double Finest Mixed.....	.10	.25	3.00

CINERARIA HYBRIDA

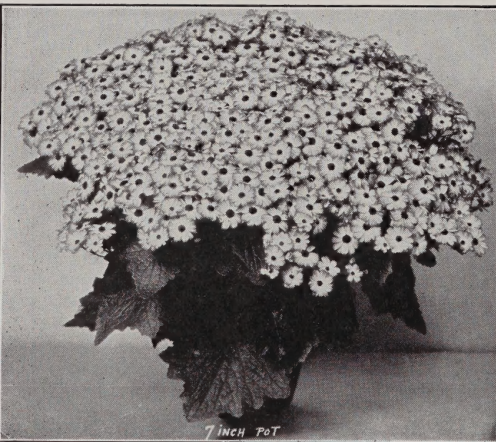
Tr. Pkt.

Cremer's Prize, Improved. A very excellent market strain. Distinguished by small foliage, medium to small flowers produced very profusely in large heads and medium tall habit... \$1.50

Giant Prize Mixed. A fine semi-dwarf large flowered strain. Bright colors..... 1.50

Multiflora Nana Potsdam. Very dwarf compact grower, the plants covering themselves with small flowers..... 1.00

Potsdam Strain (Berlin Market). Plants are taller and flowers slightly larger than multiflora nana. Contains a wonderful range of colors... 1.00

**Cineraria, Cremer's Prize Strain**

CYCLAMEN

Due to the war, delivery of Cyclamen seed is extremely uncertain. We will do our utmost to serve you.

	250 Seeds	1000 Seeds
Bonfire. Brilliant salmon.....	\$5.50	\$20.00
Dark Blood Red	4.50	16.00
Glowing Bright Red	4.50	16.00
Pearl of Zehlendorf. Dark salmon..	4.50	16.00
Pure Rose	4.50	16.00
Pure White	4.50	16.00
Rose of Zehlendorf. Light salmon..	4.50	16.00
Soft Rose with Carmine Eye	4.50	16.00
Salmon Scarlet (America)	5.50	20.00

GYPSOPHILA ELEGANS

These are always in demand for mixing with other cut-flowers. Several plantings can be made during the season in order to have a succession of bloom; they are very free blooming, and of easiest culture.

	Oz.	Lb.
Covent Garden Market Reselected. 2 feet. An improved giant pure white unsurpassed as to size of bloom as well as form.....	\$0.15	\$1.60
Grandiflora Alba, London Market. The largest flowered pure white Gypsophila. It grows about 12 inches higher than Paris Market.....	.15	1.60
Elegans Carmine. Same habit as others, but with bright carmine-pink flowers. Rather small flowered. Tr. Pkt., 10c; ¼ Lb., 75c.....	.25	....

ANNUAL LARKSPUR

AN IMPORTANT CUT FLOWER CROP FOR BOTH INDOORS AND OUTDOORS

This beautiful hardy annual has been greatly improved in recent years with a wealth of new colors — longer flowering spikes and full double florets. We are listing the best and most up-to-date varieties.

Annual Larkspur is half hardy. In our latitude an outdoor fall sowing usually winters over when well started. This first outdoor should be followed by another sown as early as possible in the spring. Larkspur seed germinates poorly in a high summer temperature, and we do not recommend sowing during July and August.

TALL BRANCHING DOUBLE STOCK FLOWERED, 4 feet.

The tall double stock-flowered are best suited for outdoor planting. Seed sown latter part of September usually winters over well in our latitude.

	Tr. Pkt.	Oz.	Lb.
Dark Blue. Fine dark blue..	\$0.15	\$0.40	\$5.00
Empress Rose. Select rose..	.15	.40	5.00
LaFrance. Salmon pink....	.15	.40	5.00
Lilac Improved. Deep lilac..	.15	.40	5.00
Los Angeles. Salmon rose..	.15	.40	5.00
Rosamond. Fine rose pink..	.20	.55	6.50
White. Pure white.....	.15	.40	5.00
Mixed. Best mixed.....	.15	.30	4.00

IMPERIAL OR BASE BRANCHING VARIETIES

These Larkspurs are ideal for cut flowers as the flower stems, three to four feet long, branch from the base of the plant. Best for indoor forcing. Also good for outdoors.

Blue Bell. Fairly deep blue; excellent.
Blue Spire. Very deep violet blue.
Carmine King. Carmine rose.
Dazzler. Fine carmine scarlet.
Exquisite Rose. Soft rich pink.
Gloria Improved. Deep rose pink.
Los Angeles Improved. Salmon-rose.
Lilac Queen. Rich lilac-lavender.
Lilac Spire. A fine lilac.
White King. A fine early white.

Prices on above: Tr. Pkt., 25c; Oz., 75c; ¼ Lb., \$2.25; Lb., \$9.00.

All Colors, Mixed: Tr. Pkt., 20c; Oz., 60c; ¼ Lb., \$1.75; Lb., \$7.50.

LARKSPUR COCKADE TYPE

An improved strain of the base branching Giant Imperial type — producing a more symmetrical plant with longer flowering spikes and closer spaced florets.

Blue Cockade. Rich lilac blue.
Cinnabar Cockade. Brilliant rose.
Salmon Pink Cockade. A fine color.
White Cockade. Pure white.
Cockade Exquisite Mixed, above varieties.

Price above: Tr. Pkt. 25c; Oz., 75c; ¼ Lb., \$2.25; Lb., \$9.00.



Cockade Salmon Pink

LUPINUS (Annual Lupines)

The annual varieties are popular cut flowers and excellent for forcing.

	Tr. Pkt.	Oz.	¼ Lb.
Hartwegii Giant, King Blue, 4 ft.	\$0.20	\$0.40	\$1.30
Hartwegii Giant, King White, 4 ft. ....	.20	.40	1.30
Hartwegii Albus .....	.10	.25	.85
Hartwegii Dark Blue .....	.10	.25	.85
Hartwegii Sky Blue .....	.10	.25	.85
Hartwegii Roseus , Pink. ....	.10	.25	.85
Hartwegii , Choice Mixed. ....	.10	.20	.70

MARIGOLD (Tagetes)

An especially fine tall branching strain, bearing enormous flowers of the quilled type; valuable class for cutting.

	Tr. Pkt.	¼ Oz.	Oz.
Orange All-Double . A strain of African Marigold which has come about 95 per cent double.	\$0.25	\$0.35	\$1.00
Lemon All-Double . A companion for orange All-Double. ....	.25	.35	1.00
Golden Emblem . Rich golden yellow mid-way between orange and lemon. ....	.20	.30	.75
Yellow Supreme . Dazzling lemon, overlaid buff, this variety lacks the peculiar marigold odor. ....	.15	.25	.75
Guinea Gold . Vivid golden orange of great merit; excellent cut flower. ....	.15	.25	.75
Crown of Gold . Flower centers are of short curled, quilled petals with a collar of flat guard petals. Color bright golden orange. ....	.20	.30	.75

MIGNONETTE (Reseda Odorata)

For greenhouse forcing should be sown in August in pots. For a spring crop, sow in January. Disbudding is necessary for large spikes.

	Tr. Pkt.	½ Oz.
Machet, Ball's Forcing Strain	\$0.25	\$1.00
Machet, Golden Goliath . True gold color. ....	.25	.60
Machet, Goliath Red . Large intense red spikes. ....	.25	.60
Machet, New York Market .....	.25	.75
Special Mixture .....	.20	.50

GIANT PANSIES**STEELE'S GIANTS**

Aces Mixed. An outstanding all-purpose mixture that has given utmost satisfaction for its wide range of color, compact growth, and free-blooming qualities.

Tr. Pkt., 50c; ¼ Oz., \$1.65; ½ Oz., \$3.25; Oz., \$6.00.

Miracle Mixed. The flowers are of excellent substance of immense size, and the mixture shows outstanding and very attractive colors, mostly large blotched. Excellent for baskets.

Tr. Pkt., 50c; ½ Oz., \$1.00; ¼ Oz., \$1.90; Oz., \$7.00; 2 Ozs., \$13.00.

Jumbo Mixed. This superb strain of Pansies is of largest size, richest and most varied colors, and contains several shades of beautiful reds. Uniformly extra large flowered and strong growing. Compact, bushy plants with the flowers held well above the foliage. Most desirable for cutting; ideal for selling in baskets.

Tr. Pkt., 75c; ½ Oz., \$1.95; ¼ Oz., \$3.50; ½ Oz., \$6.75; Oz., \$13.00; 2 Ozs., \$23.00.

ROGLLI, SUPER SWISS GIANTS

Roggli Super Swiss Giant Mixed. Our finest and most popular mixed color variety. Super-giant in size, it produces flowers ranging from 2½ to 4 inches in diameter as a rule. Robust compact plant habit, and long flower stems.

Tr. Pkt., 50c; ½ Oz., \$1.00; ¼ Oz., \$1.75; Oz., \$6.50; 2 Ozs., \$12.00.

Large Flowering Mixed. A fairly large flowered attractively colored mixture.

Tr. Pkt., 35c; ¼ Oz., \$1.40; Oz., \$5.00.

Tall Winter Flowering. Strictly a greenhouse or forcing Pansy. The plants are sturdy, growing erect, producing in the greenhouse large blooms on extra strong stems. \$0.50

ROGLLI, SUPER SWISS GIANTS**SEPARATE COLORS**

Tr. Pkt. ¼ Oz. Oz.
Alpenglow. Rich, velvety Indian-red blooms showing a large dark blotch on each of the three lower petals. \$0.50 \$1.75

Berna. Dark violet blue.50 1.75

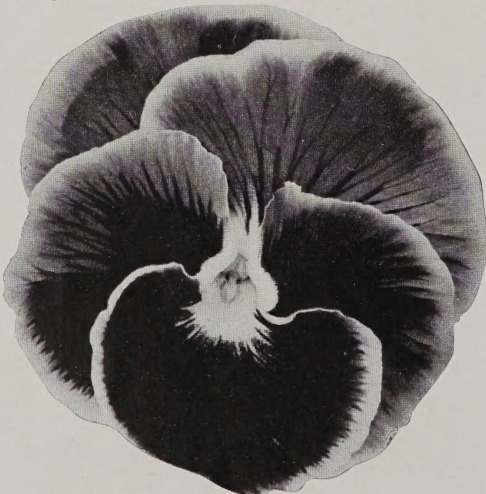
Blue (Ullswater). Large well-rounded blooms of a vivid, most intense shade of blue, with a blue-black blotch in the center. The finest blue pansy.50 1.75

Coronation Gold. Best extra dwarf large flowered golden yellow.50 2.25

Luna. Sulphur yellow self.50 1.75

Rhinegold. Canary yellow with dark blotches.50 1.60

Swiss White. Pure white.50 2.00



Jumbo Pansies

SWEET PEAS

EARLY OR WINTER FLOWERING

All of the newer varieties are very strong growers and will produce heavy stems with four and five flowers on each. Early Spencer Sweet Peas are also adapted for winter flowering in the open, when planted in the milder latitudes.

	Oz.	¼ lb.	Lb.
American Beauty. A rich crimson-rose.....	\$0.25	\$0.85	\$3.25
Amethyst. Royal purple.....	.25	.85	3.25
Apollo. Soft salmon cerise, long stemmed.....	.25	.85	3.25
Ball's Rose Improved. Rich deep rose-pink.....	.25	.85	3.25
Ball Rose Queen. The best rose-pink, long-stemmed, large flower.....	.25	.85	3.25
Ball Orange Improved. Clear deep glowing orange.....	.25	.85	3.25
Burpee's White. Giant white seeded.....	.25	.85	3.25
Blue Danube. An enchanting mid-blue self.....	.25	.85	3.25
Blue Bird. A magnificent violet-blue.....	.25	.85	3.25
Bridesmaid. A charming deep silvery pink.....	.25	.85	3.25
Daphne. Soft salmon-pink; a fine color with long stems.....	.25	.90	3.40
Eleanor Blue. Long stem sky blue.....	.25	.85	3.25
Exposition Pink. Gorgeous rich pink.....	.25	.85	3.25
Fiesta. A new fine orange-cerise, on long stems.....	.50	1.50	5.50
Fragrance. Large frilled lavender flowers.....	.25	.85	3.25
Gardenia. A dense paper-white, having large duplexed flowers.....	.25	.90	3.50
Harmony. Clear lavender.....	.25	.85	3.25
Heather Bell. Mauve-lavender.....	.25	.85	3.25
Hope. Pure black seeded white.....	.25	.85	3.25
Hiawatha. A clear deep rose on white ground; large flowering.....	.35	1.20	4.50
Jeanne Mamitsch. Rose-pink.....	.25	.85	3.25
Josie. Long-stemmed, rose-pink.....	.25	.85	3.25
Lavanda. A pure clear lavender.....	.25	.85	3.25
Laddie Improved. Rose.....	.25	.85	3.25
Majestic Rose. Brilliant rose-pink, richer and deeper than Zvolanek's Rose.....	.25	.85	3.25
Mrs. Herbert Hoover. Bright blue; extra long stems.....	.25	.85	3.25
Pride. Large flowered cerise.....	.25	.85	3.25
Princess Blue. A belladonna-blue, both standards and wings holding to the same rich light blue color.....	.35	1.25	4.50
Red Bird. Crimson-red.....	.25	.85	3.25
Sequoia. A rich golden cerise color with long, strong stems.....	.25	.85	3.25
Shirley Temple. A new pink of great value.....	.25	.85	3.25
Treasure Island. A sparkling shade of golden orange.....	.35	1.25	4.50
Triumph. The color is lovely soft lilac-mauve.....	.25	.85	3.25
White Harmony. Black-seeded white.....	.25	.85	3.25
Select Mixed......	.20	.75	2.75

NEW SPRING FLOWERING SPENCER VARIETIES

Intermediate in season between Early and Standard Spencers, this new type of Sweet Pea, possessing the characteristic of heat resistance, maintains remarkable vigor, length of stems, size of flower and productivity throughout the growing season, both under glass and out of doors.

	Oz.	¼ lb.	Lb.
Spring Flowering Blue. Long-stemmed, clear medium blue.....	\$0.50	\$1.75	\$6.00
Spring Flowering Lavender. Long-stemmed, rich clear lavender.....	.50	1.75	6.00
Spring Flowering Light Lavender. Light lavender; very large flowers.....	.60	2.25	8.00
Spring Flowering Rose Pink. Long-stemmed, clear rose-pink.....	.50	1.75	6.00
Spring Flowering Black Seeded White. Very strong growing; Shows faint blushing under certain conditions.....	.60	2.25	8.00



PRIMULAS

GIANT PRIMULA OBCONICA

These large-flowering brilliant colored primroses are one of the most popular pot plants for winter and spring sales. The small plants are very useful for combinations for Easter. January sown seed will produce large plants for Thanksgiving, Christmas, etc. Seed sown in March and April will make fine plants for spring and Easter.

The seed we are offering is grown by Howard & Smith, seed specialist.

We offer freshly harvested seed, in the following colors:

	(1000 Seeds)Tr. Pkt.
Giant Crimson. Compact habit. Enormous sized truss.	\$1.00
Giant Scarlet. Oriental red, shading to scarlet. A gem.	1.00
Giant Blue. A sensational variety. A pure, even shade of rich, bright blue.	1.00
Primula Obconica. Mixed.	1.00

PRIMULA MALACOIDES "ERIKSSONI"

	Tr. Pkt.
Brilliant (Eriksson's Deep Red). The flower opens lavender but changes to a brilliant red in one or two days in a sunny greenhouse. A very attractive and unusual combination.	\$1.00
Eriksson's Pure White (Improved). A real improvement in a pure white malacoides. Flowers profusely on numerous stems, making a good-sized plant.	1.00
Glory of Riverside (Improved). True rose-pink, a strong grower and without a doubt the most valuable variety for all purposes. A real pot plant, especially for 6 or 7-inch pot production; here we suggest placing three plants to the pot.	1.00
Lilac Beauty. Pure light lilac, 100% even color when blooming and a delight to work in combinations.	1.00
500 seeds.	1.00
Eriksson's Special Mixed.	1.00



Giant Primula Obconica

STOCKS

NON-BRANCHING COLUMN

Immensely fully double close-spaced flowers, one 2 to 2½-ft. spike per plant. This strictly non-branching strain is in very great demand by florists.

	½ Tr. Pkt.	Tr. Pkt.	¼ Oz.	Oz.
Gardenia (New). Finest double white. Produces 12 to 15 inches of florets on 3 ft. stems.	\$0.75	\$1.00	\$3.75	\$12.00
Chamois Pink. Apricot or chamois-pink.	.60	1.00	2.50	9.00
Ball's White. Sometimes slightly tinged blush.	.60	1.00	2.50	9.00
Dark Blue. Rather deep lilac. Fine color.	.60	1.00	2.50	9.00
Golden Rose. Deep rose suffused gold.	.60	1.00	2.50	9.00
Lilac Lavender. A very attractive, clear, bright lavender.	.60	1.00	2.50	9.00
Malmaison Pink. Light enchantress carnation-pink.	.60	1.00	2.50	9.00
Pure White. Pure white; a fine variety.	.60	1.00	2.50	9.00
Rose Pink. This is the popular clear rose-pink.	.60	1.00	2.50	9.00
Ruby. Rich crimson-red.	.60	1.00	2.50	9.00
Yellow Wonder. New rich cream-yellow.	.60	1.00	3.50	....
Mixed Colors.	.60	1.00	2.00	8.00

GIANTS OF CALIFORNIA

This is a comparatively new tall branching group of Stocks. Many growers transplant these Stocks about 4 inches apart in beds, and find that they grow to a height of 3 feet, having only a single central spike with a 15-inch stem of florets.

Golden Gate. Yellow.	Santa Maria. White.
Monterey. Pink.	Sequoia. Rose-carmine.
Pacific. Blue.	Tahoe. Lavender.
Red Woods. Blood-red.	Yosemite. Rose.
Santa Barbara. Chamois.	Exquisite Mixed.

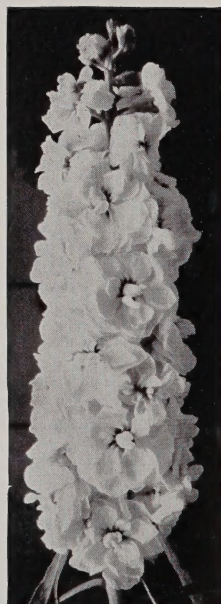
Prices of above varieties: Tr. Pkt. 35c; ¼ Oz. \$1.00; Oz. \$3.50.

IMPERIAL IMPROVED BISMARCKS

An especially meritorious class; of branching habit. Very early blooming and producing a high percentage of doubles. 2½ feet. Suitable for greenhouse culture or growing out-of-doors.

Chamois. Ivory tinted rose.	Lavender. Lavender.
Elk's Pride. Rich Purple.	Lilac. Lilac-lavender.
Flesh. Delicate pink.	Rose. Deep rose-pink.
Golden Rose.	Shasta. Glistening white.
Fiery Blood-Red.	Fine Mixed. Choice blend.

Each of the above: Tr. Pkt. 25c; ¼ Oz. 85c; Oz. \$3.00.



Stocks Double Giant Column Gardenia

HARDY PERENNIAL and BIENNIAL SEEDS

ACHILLEA MILFOIL

(Perennial)

Tr. Pkt. ¼ Oz.

Ptarmica "The Pearl." One of the best hardy white perennials. Grows about 2 feet high. Is covered with heads of white double flowers. \$0.25 \$0.75

AGROSTEMMA

(Perennial)

Tr. Pkt. Oz.

Coronaria. Crimson. \$0.15 \$0.50

ALYSSUM

(Perennial)

Saxatile Compactum (Basket of Gold.)

An indispensable plant for the rockery or border, growing 1 foot high and producing in May masses of broad, flat heads of bright yellow flowers. ¼ Oz. \$0.25.15 .80

ANCHUSA

(Perennial)

Italica, Dropmore Variety. Grows 3 to 5 feet high. Bears during May and June in abundance. Flowers of the richest Gentian Blue.15 .50

Myosotidiflora. A distinct dwarf species, 10 inches high, for rock garden.50

ANTHEMIS—Marguerite

(Perennial)

Kelwayi. A most satisfactory hardy perennial bearing daisy-like, golden yellow blossoms; excellent for cutting. Tr. Pkt. 20c; Oz. 80c.

AQUILEGIA—COLUMBINE

(Perennial)

Long Spurred Columbines

The plants are of strong, thrifty growth, with flowers of largest size, varying in color through tones of cream, pink, lavender, blue, white, red, etc.



Aquilegia

Tr. Pkt. ¼ Oz.

Coerulea. (Rocky Mountain Columbine) Blue and white. \$0.25 \$0.50

Long Spurred, Mrs. Scott Elliott's Strain. A great favorite. The finest strain in existence. Oz., \$3.2035 .85

Long Spurred Blue Shades. An extremely fine strain of light and dark blue shades.35 .85

Long Spurred Crimson Star. Richest crimson with white petals.50 1.50

Long Spurred Orange and Scarlet Shades. Contains fine shades of orange-scarlet.40 .90

Long Spurred Snow Queen. Finest white, fragrant, 3 ft.40 .90

AQUILEGIA

Long Spurred Hybrid

Long Spurred Hybrids, Mixed. A fine mixture of colors. Oz., \$2.2530 .60

ARABIS—ROCK CRESS

(Perennial)

Tr. Pkt. Oz.

Alpina. One of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging, 6 inches. \$0.15 \$0.50

Rosea. Similar in habit to the above. The flowers are a delicate shade of pink.35

ARMERIA—SEA PINK, THRIFT

(Perennial)

Tr. Pkt. ½ Oz.

Formosa Hybrida. Heads of rosy pink flowers. Useful for edging or rockery. . \$0.20 \$0.50

BAPTISIA

(Perennial)

Tr. Pkt. Oz.

Australis (False Indigo). Sprays of pea-shaped indigo-blue flowers. 3 ft. \$0.15 \$0.45

CAMPANULA MEDIUM

Canterbury Bells, 3 feet. Cup and Saucer.

Tr. Pkt. ¼ Oz. Oz.

Dark Blue. \$0.20 \$0.40 \$1.35

Light Blue.20 .40 1.35

Rose.20 .40 1.35

White.20 .40 1.35

Choice Mixed.20 .25 1.25

CANDYTUFT PERENNIAL, IBERIS

Tr. Pkt. ½ Oz.

Gibraltarica. Lilac, shading to white. . \$0.20 \$0.40

Queen of Italy. Rosy lilac.20 .40

Jucunda Dwarf. Pink, 4 in.50

Sempervirens. White, 1 ft.25 .85

CARNATION GRENADIN

(Perennial)

Tr. Pkt. ¼ Oz. Oz.

Cardinal Red. \$0.50 \$0.90 \$3.50

Snow White.35 .85 3.00

Triumph Deep Pink.35 .85 3.00

Grenadin Mixed.30 .70 2.50

CERASTIUM

Tomentosum (Snow in Summer). Sil. Tr. Pkt. Oz. ¼
very white foliage. White flowers.
16 inches.20 \$0.35

CHEIRANTHUS (Wallflower)

Tr. Pkt. ½ Oz.

Golden Bedder. Deep yellow. \$0.15 \$0.30

Allioni (Siberian Wallflower). Brilliant orange.15 .30

CHRYSANTHEMUM, SHASTA DAISY

(Perennial)

Tr. Pkt. ½ Oz.

Shasta Alaska. The most popular of all. Very large pure white flowers with small yellow centers. 2½ feet.20 .40

Asterflorum. Giant double shaggy aster-like daisy.50

Double Shasta Alaska. A fine double cut flower variety, about 70% double. . .50

COREOPSIS GRANDIFLORA

(Perennial)

Very good cut flower material.

Tr. Pkt. ½ Oz.

- Flora Plena.** Golden yellow, semi-double flowers.....\$0.15 \$0.35
- Mayfield Giant.** Large flowered, deep golden yellow......15 .30
- Sunburst (New Gold).** A fine semi-double strain......20 .40

CYNOGLOSSUM—Chinese Forget-Me-Not

An exceptional cut flower for under glass or outside.

Tr. Pkt. ½ Oz.

- Firmament.** A dwarf (15 inches) selection from the original blue strain; rich blue, even habit.....\$0.25 \$0.50
- Fairy Blue.** Cambridge blue......15 .35

DELPHINIUM(Perennial) **BELLADONNA TYPE**

Tr. Pkt. ¼ Oz. Oz.

- Belladonna Improved.** Light blue, large flowered and a strong grower. The finest strain of Belladonna on the market. ¼ Lb., \$7.00.....\$0.30 \$0.50 \$1.80
- Bellamosum Improved.** Extra select, dark blue, large flowers, deeper, and more uniform color... .30 .50 1.80

PACIFIC GIANTS

(Vetterle and Reinelt)

Which are Well Worth a Trial.

Remarkable new strain developed by Vetterle and Reinelt on the Pacific Coast. Flowers extremely large and well formed. 2½ to 3½ inches in diameter.

Black Knight Series. The darkest of them all. Individual flowers of beautiful round form, with heavy velvety texture, which gives the color luminosity and vividness not seen before.

Tr. Pkt., \$1.00; ⅛ oz., \$2.00; ¼ Oz., \$3.50.

Blue Bird. A clear medium blue with huge tall spikes. The most outstanding novelty.

Tr. Pkt., \$1.00; ½ oz., \$3.00.

Bluejay Series. Every Delphinium lover seeks the true blue color, which is so rare in nature and so difficult to obtain. These series are our bid toward attaining it. The color is striking, clear medium to dark blue; very intense and alive, with dark, contrasting bee.

Tr. Pkt., \$1.00; ⅛ Oz., \$2.00; ¼ Oz., \$3.50.

Cameliard Series. This is a pure lavender self, with white bee, the individual flowers are very round and flat. Beautifully balanced spikes combine with excellent growing habits.

Tr. Pkt., \$1.00; ⅛ Oz., \$2.50; ¼ Oz., \$4.50.

Galahad Series. Finest white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture, pyramidal spikes with well spaced flowers, good branching habit, strong whippy stems with a high percentage of mildew resistance.

Tr. Pkt., \$1.00; ⅛ Oz., \$2.25; ¼ Oz., \$4.00; Oz., \$14.00.

Guinevere. Light pink lavender self with white bee. Individual floret 2½ to 3 inches in diameter, large spikes. Excellent branching habits. For cut flowers and show purposes.

Tr. Pkt., \$1.00; ⅛ Oz., \$2.00; ¼ Oz., \$3.50; Oz., \$12.00.

King Arthur. Brilliant royal velvet with large white bee. Individual florets 2½ inches in diameter, very thin woody stems with small foliage. Very long graceful spikes.

Tr. Pkt., \$1.00; ⅛ Oz., \$2.00; ¼ Oz., \$3.50.



Coreopsis Mayfield Giant



Delphinium Pacific Giants

Lancelot Series. A new color in Delphinium of pure lilac self tone with white bee. Individual flowers 2 to 2½ inches in diameter.

Tr. Pkt., \$1.00; ⅛ Oz., \$2.00; ¼ Oz., \$3.50; Oz., \$12.

Round Table Series. As the name implies, this represents all the newest color development and possessing size that will make them invaluable for show purposes.

Tr. Pkt., \$1.00; ⅛ Oz., \$2.00; ¼ Oz., \$3.50; Oz., \$12.00.

Summer Skies. Clearest light blue with white bee. Individual florets 2 to 2½ inches in diameter. Thin woody stems with very strong branching habits.

Tr. Pkt., \$1.00; ⅛ Oz., \$2.00; ¼ Oz., \$3.50.

GIANT PACIFIC HYBRIDS—MIXED**Pacific Giants Mixed.** Select mixed.

Tr. Pkt., \$0.75; ⅛ Oz., \$1.75; ¼ Oz., \$3.00; Oz., \$10.00.

DIANTHUS PINKS

DIANTHUS PLUMARIUS
(Grass or Clove Pinks) 1½ feet
(Perennial)

Tr. Pkt. ¼ Oz. Oz.

Cyclops, Single Perpetual, Various colors, red eye.....	\$0.20	\$0.30	\$0.90
Plumarius Double (Double Pinks). Fine mixed.....	.20	.40	1.25
Plumarius Single (Single Pinks). Fine mixed.....	.20	.30	.90

DIANTHUS-PINKS FOR ROCK GARDENS

(Perennial) Tr. Pkt.

Allwoodi Alpinus. Flowers first year from seed. 4 to 6 inches high; mixed colors. A gem for the rock garden.....

Tr. Pkt. ¼ Oz. Oz.

Caesius (Cheddar Pink). A dwarf tufted variety. Rose-pink flowers.....	\$0.20	\$0.25	\$1.00
Deltoides Brilliant. Rich rose pink.....	.25	.45	1.50
Deltoides Splendens. Amaranth red.....	.25	.45	1.50
Deltoides Rose (Maiden Pinks).....	.20	.35	1.15
Deltoides Mixed. Fine for rock gardens.....	.20	.35	1.15
Rock Garden Rare Species Mixed.....	.25	.50	...

DIANTHUS PINKS. 1½ feet.

Delight. Colors from the palest pink to the deepest purple. ½ Oz. 75c.....	Tr. Pkt.	.25	
Loveliness. Flowers have large laciniated petals of a most exquisite mauve pink ½ Oz. 90c.....			.40

DIGITALIS (Foxglove) (Perennial)

Tr. Pkt. ½ Oz.

Giant Shirley Mixed. A greatly improved strain of unusually strong, vigorous growth. Enormous spikes 3 to 5 feet in length set with very large flowers.....

\$0.15 \$0.40

ECHINOPS (Globe Thistle)

Tr. Pkt. Oz.

Ritro. Striking hardy perennial plants with silvery thistle-like foliage and steel blue flowers.....

\$0.10 \$0.35

FEVERFEW (Matricaria) (Perennial)

Fine for Cut Flowers

Tr. Pkt. ¼ Oz. Oz.

Ball's Double White. Extra.....	\$0.40	\$0.90	\$3.50
Dwarf Double Golden Ball.....	.25	.50	1.50

FORGET-ME-NOT (Myosotis) (Biennial)

Tr. Pkt. ¼ Oz.

Alpestris, Victoria Rosea. Rose.....	\$0.30	.90	
Alpestris, Victoria. Azure blue.....	.30	.90	
Palustris Semperflorens. Clear Blue flowers; the true ever-blooming Forget-Me-Not.....	.25	.70	
Oblongata, Blue Bird. Large deep blue flowers 3 to 4 months after sowing; height, 1 foot.....	.35	.75	

GEUM (Perennial)

Tr. Pkt. ¼ Oz. Oz.

Mrs. Bradshaw. Large double, brilliant orange-scarlet; height, 1½ feet.....	\$0.25	\$0.50	\$1.60
Lady Stratheden. Large double flowers of rich golden yellow; fine stems for cutting; 1½ feet.....	.25	.45	1.50



DIANTHUS—Pinks

GAILLARDIA—BLANKET FLOWER (Perennial)

One of the showiest and most effective hardy perennial plants. It should have a place in every hardy border, also splendid for cutting. 2 feet.

Tr. Pkt. ¼ Oz. Oz.

The Dazzler. The flowers are very large, dark rich red with a bright orange tip on end of each petal.....

\$0.25 \$0.35 \$1.25

Portola Hybrids. Strong, vigorous, upright habit, 2½ to 3 ft. high, Long flower stems, hold massive yellow and red flowers erect.....

.25 .35 1.25

Burgundy. Lovely wine-red flowers on long stems.....

.35 .45 1.50

Grandiflora Superb Mixed. Splendid combinations of crimson and gold in great variety.....

.20 .30 .75



GAILLARDIA

GYPSOPHILA — BABY'S BREATH (Perennial)

Tr. Pkt. ¼ Oz.

Pacifica. Pink variety of strong growth, blooming later than <i>Paniculata</i> . 4 feet.	\$0.25	\$0.80
Paniculata Flore-Pleno. Small, white flowers about 50 per cent double. An excellent strain for drying.	.25	.80
Repens. Dwarf trailer with masses of small white flowers. 6 inches.	.25	.40
Repens Rosea.	.25	.50

GYPSOPHILA ELEGANS

Oz. Lb.

Covent Garden Market Reselected. 2 feet. An improved giant pure white.	\$0.20	\$1.60
Grandiflora Alga, London Market. The largest flowered pure white <i>Gypsophila</i> .	.20	1.60

HELIANTHEMUM (Rock or Sun Rose) (Perennial)

Mutabile. Low-growing evergreen plants; mixed colors. Tr. Pkt., 20c; ¼ Oz., 40c.

HELIOPSIS (Perennial)

Valuable cutting material. Tall, branching plants.
Double Lemoine Strain. Very fine with a large percentage of the blooms fully double, some semi-double. Tr. Pkt., 20c; ¼ Oz., 50c.

HESPERIS — SWEET ROCKET (Perennial)

Matronalis. Spikes of fragrant flowers in June and July. 3 feet. Mixed: Tr. Pkt., 10c; Oz., 30c.

HEUCHERA (Coral Bells) (Perennial)

Sanguinea. Rich bright coral red flowers; light green leaves, slightly hairy; one of the finest hardy perennials for cutting; 2½ feet. Tr. Pkt., 50c.

HOLLYHOCKS (Perennial)

Tr. Pkt. ¼ Oz. Oz.

Imperator. Fringed, cerise-salmon.	\$0.25	\$0.40	\$1.50
Triumph. Double Mixed. Flowers waved and fringed.	.25	.40	1.50
Chaters Double. Crimson.	.25	.35	1.25
Chaters Double. Deep rose.	.25	.35	1.25
Chaters Double. Maroon.	.25	.35	1.25
Chaters Double. Yellow.	.25	.35	1.25
Chaters Double. Newport Pink.	.25	.35	1.25
Chaters Double. White.	.25	.35	1.25
Chaters Double. Mixed.	.20	.30	1.00

LINUM (Flax) (Perennial)

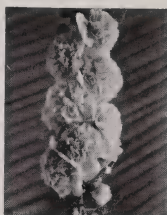
Tr. Pkt. Oz.

Perenne (Blue Flax). Pale blue, round-shaped flowers on slender stems; flowers all summer; for mass planting in border and cutting; height 18 inches. \$0.15 | \$0.40 |

LOBELIA

Tr. Pkt. ¼ Oz.

Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue.	\$0.25	\$0.70
Crystal Palace Compacta. 4 inches, ultra-marine blue. The best for edging; dark foliage.	.25	.50
Florist Favorite. Dark blue, white eyes; 4 inches.	.25	.50
Mrs. Clibran. Deep blue, white eye, dark foliage.	.25	.60
Sapphire. For hanging baskets, large, deep navy-blue with white eye.	.25	.50



Hollyhock Chaters
Double



Pentstemon Sensation

LOBELIA (Perennial)

Tr. Pkt. ¼ Oz.

Cardinalis. Deep cardinal-red spike. August flowering. 3 feet. \$0.25 | \$0.75 |

LUNARIA (Honesty, Moonwort) (Perennial)

Tr. Pkt. Oz.

Honesty or Money. Mixed colors. \$0.15 | \$0.40 |

LYCHNIS (Perennial)

Tr. Pkt. Oz.

Chalcedonica. Fine scarlet flowers. 2 ft. \$0.15 | \$0.40 |

PENTSTEMON—BEARD TONGUE (Perennial)

Large bell-shaped flowers; blooms June to August; fine for the flower border and for cutting; can be forced in a cool greenhouse.

Tr. Pkt.

Sensation. Red Shades. \$0.35 || **New Hybrids.** Mixed. | .35 |

PHLOX

DRUMMONDI GRANDIFLORA

Beautiful summer flowering annual. Also a desirable cut flower.

Tr. Pkt. ¼ Oz. Oz.

Special Mixed. A mixture of tall varieties. \$0.25 | \$0.30 | \$1.00 |

PHYSOSTEGIA False Dragon Head (Perennial)

Tr. Pkt. ¼ Oz.

Virginica. One of the prettiest hardy perennials. It forms dense bushes, 3 to 4 feet high; spikes of delicate pink tubular flowers. \$0.20 | \$0.40 |

PLATYCODON

Grandiflorum. Large steel-blue flowers. .15 | .30 |

POPPIES

PAPAVER ORIENTALE (Oriental Poppy) (Perennial)

Tr. Pkt. ¼ Oz. Oz.

Brilliant. Brilliant fiery red.	\$0.35	\$0.50	\$1.80
Salmon Queen. Salmon-pink.	.35	.50	1.80
Oriental Mixed.	.30	.50	1.80

POPPIES

(Perennial)

PAPAVR NUDICAULE (Iceland Poppy)

El Monte. A new variety of California introduction; large flowers of deep tangerine orange; Tr. Pkt. ¼ Oz. Oz.
strong stems for cutting.....\$0.25 \$0.40 \$1.25

Gartref New Hybrids. Selected from range of art shades. Excellent cut flower. Blooms the first year......25 .40 1.50

Special Mixture of Iceland Poppies. Contains every worthwhile strain of the beautiful and useful Poppies......20 .35 1.00

PYRETHRUM

(Perennial)

One of the really good hardy perennials, valuable alike for cutting or planting in the hardy border.

Tr. Pkt. ¼ Oz. Oz.
Hybridum, Single. Large flowering. Mixed.....\$0.25 \$0.50 \$1.75

Hybridum, Double Mixed. Is especially desirable because of the large percentage of double......40 .90 3.50

Robinson's Giant Hybrid Red. Fine for cut......40 .90 3.50

RUDBECKIA

(Perennial)

Tr. Pkt. ¼ Oz. Oz.
Kelvedon Star. Brown discs.....\$0.25 \$0.40 \$1.35
My Joy. Orange-yellow......25 .40 1.35

SALVIA

Farinacea. 36 in. Perennial but is best grown as an annual. Bright light blue flowers......50 .75 ...

SCABIOSA

(Perennial)

Excellent perennial cut flower material. Larger flowered than the popular annual form, perfectly hardy, and early flowering. Seed germination sometimes slow and irregular.

Tr. Pkt. ¼ Oz. Oz.
Caucasica, House Hybrids. Shades of lavender and blue.....\$0.35 \$0.75
Columbaria Lavender. Delicate color......25 .60
Columbaria Pink. Orchid-pink shade......25 .60
Fischeri. 30-inch rounded bushy plants. Flowers medium-sized and a bright lilac-lavender color......20 .50

SWEET WILLIAM—DIANTHUS BARBATUS

(Perennial)

There is always a good demand for these beautiful free-flowering old-fashioned favorites.

Tr. Pkt. ¼ Oz. Oz.
Single Dark Crimson.....\$0.20 \$0.30 \$1.00
Single Holborn Glory......20 .30 1.00
Single Newport Pink......20 .35 1.25
Single Scarlet Beauty......20 .30 1.00
Single White......20 .30 1.00
Single Choice Mixed......20 .30 .90
Dwarf Compact Double Finest Mixed......35 .75 ...



Statice



Viola Cornuta

STATICE
(Perennial)

Splendid hardy perennials either for the border or rockery, producing panicles of minute flowers which can be dried for winter bouquets.

Tr. Pkt. ¼ Oz. Oz.
Caspia. Perennial. Large lilac...\$0.25 \$0.60 \$2.00
Dumosa. Clear silvery white. The finest for drying......25 .60 2.00
Latifolia. Perennial. Small purplish blue flowers......20 .40 1.40

TRITOMA (Red Hot Poker). 3 feet

Tr. Pkt. ¼ Oz. Oz.
Hybrida Mirabilis. Blooms first year.....\$0.25 \$0.45 \$1.75

VERONICA
(Perennial)

Tr. Pkt. ¼ Oz. Oz.
Spicata. 1½ feet high. Has long spikes of bright blue flowers in June and July...\$0.25 \$0.60

VINCA ROSEA—PERIWINKLE

This seed should be sown early to secure salable plants for spring.

Tr. Pkt. ¼ Oz. Oz.
Rosea Alba. White, with rose center.....\$0.20 \$0.35 \$1.25
Alba Pura. Pure white......20 .35 1.25
Rosea. Pink......20 .35 1.25
Mixed......20 .35 1.25

VIOLA—TUFTED PANSY
8 inches

Tr. Pkt. ¼ Oz. Oz.
Arkwright Ruby. Dark crimson scarlet...\$0.35 \$0.90
Blue Perfection. Medium clear blue......35 .85
Lutea Splendens. Sulphur Yellow......35 .85
Papilio Deep Violet......35 .85
Papilio Light Blue. Blue and white......35 .85
White Perfection. Pure white......35 .85
Mixed......30 .75



Sweet William

INSECTICIDES AND FUNGICIDES

ARSENATE OF LEAD

Dry Powdered, for dusting and spraying. 1 lb. 25c.
4 lbs. 60c.

GREEN ARSENATE OF LEAD

Used to avoid unsightly or objectionable color on foliage. 4-lb. bag, 90c.

BLACK ARROW 5000

A Pyrethrum Dust, particularly effective against thrips, white flies, leaf rollers, midge, and will not burn or injure plants in any way. 10 lbs., \$2.60; 25 lbs., \$6.25.

BLACK LEAF 40

1 lb. \$1.90; 2 lbs. \$2.85; 5 lbs. \$5.80; 10 lbs. \$10.60.

BORDEAUX MIXTURE (Dry)

The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 8 gallons liquid. 1 lb. 25c; 4 lbs. 75c.

CYANOGAS CALCIUM CYANIDE "G"

Greenhouse fumigant. Aphids, white fly, thrips, soft scale and mealy bug and control for crop-destroying rodents. (By express only) 5 lbs. \$2.75; 25 lbs. \$9.50; 100 lbs. \$25.00. Write for leaflet.

CYANOGAS "A" GRADE

For moles, rats, gophers, and other ground rodents. $\frac{1}{2}$ lb. can 45c; 1 lb. can 75c.

DENDROL.

Dormant tree and shrubby spray.
Gal. \$1.15; 5 gals. \$3.90.

DN SULPHUR DUST No. 10

Positively kills off Red Spider on Carnations. 10 lbs. \$3.00; 5 10-lb. bags \$12.50; 100 lbs. \$25.00.

DN DUST No. 12

To control Red Spider Mite and Thrips on Roses, Snappdragons, Gardenias, Carnations. 10-lb. pkg. \$4.50; case five 10-lb. pkgs. \$20.00.

DRY LIME SULPHUR

For dormant spray use 12 to 15 lbs. to each 50 gals. of water. 1 lb. 30c; 5 lbs. \$1.40; 25 lbs. \$3.00.

FISH OIL SOAP

For use as a spreader in using spray materials. Also as a wash on various plants for cleansing foliage. With nicotine sprays use 3 to 5 lbs. to 50 gals. 4 lbs. 75c; 25 lbs. \$3.25.

FLOWERS OF SULPHUR

For dusting on plants. 325 Mesh Extra Fine. 10 lbs. 75c; 100 lbs. \$4.25.

GRAPE AND ROSE DUST

Excellent for the prevention and destruction of mildew on plants. 1 lb 35c; 5 lbs. \$1.25.

GRASSELLI SPREADER-STICKER

For LORO and practically all sprays. Grasselli Spreader-Sticker is used with contact insecticides such as LORO and Nicotine sulfate. Generally about eight ounces of Grasselli Spreader-Sticker can be used to advantage with 100 gallons of properly diluted Nicotine sulfate, LORO and other contact sprays. Pt. 75c; Gal. cans (8 lbs.), \$4.95; 5-gal. cans (40 lbs.), \$23.00.

HAMMOND'S COPPER SOLUTION

Ammoniated Copper Liquid-Fungicide for the control of fungus diseases. Gal. can \$4.00.

HITOX

For thrips, aphids, red spider, tarnished plant bug, mite and lacewing fly on different plants. Gal. \$9.75; qt. \$3.00; pt. \$1.75; 5 gals. \$42.50.

KROP-SAVER PYROCIDE DUST No. 10

An effective non-poisonous dust for the control of many sucking and chewing insects. 4-lb. pkg. \$1.00; 25-lb. pkg. \$5.75.

L-333 ROTENONE PLANT SPRAY

Sure death to red spider and thrips. Also recommended for green fly, white fly larvae, aphids on all miscellaneous crops. Will Not Burn Nor Discolor Open Blooms! Contains NO mineral oils; no additional spreader needed; mixes readily with hard or soft water; leaves no residue. Gal. \$10.75.



LORO

It is effective on aphids (plant lice, black and green fly), thrips, midge, red spider, mealy bug, lace fly and leaf hopper. Its use is suggested on other insects where a contact insecticide is needed. Against chrysanthemum midge, mealy bug, red spider, mites and thrips. Pt. \$2.00; gal. \$10.50; 5 gals. \$9.00 per gal.

MULTICIDE

For aphids, leaf rollers, leaf hoppers, midges, tarnished bugs, white flies. Gal. \$10.35; 5 gals. \$47.00.

NIKOTEEN LIQUID

An effective spray when mixed with 500 parts of water. Death to aphids, green fly, spider, mealy-bug, thrips and other forms of flower, fruit and vegetable lice. 40% strength—4 lbs. \$6.35; 8 lbs. \$10.75.

NIKOTEEN

30% grade. For spraying and fumigating. $\frac{1}{2}$ lb. \$1.00; 1 lb. \$1.80.

NEW EVERGREEN

A non-poisonous Pyrethrum spray, containing activator and soap spreader in proper proportion. Oz., doz. \$2.80; 6 ozs., doz. \$8.00.

NICO FUME PRESSURE FUMIGATOR

Put up in $\frac{1}{2}$ lb. and 1 lb. cans. Powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. $\frac{1}{2}$ -lb. cans 45c; doz. \$4.45; 1-lb. cans 65c; doz. \$7.40.

NICO FUME POWDER FUMIGATOR

Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5 lb. tin \$3.65; 10 lb. tin \$6.35.

NICO FUME LIQUID

For fumigating or spraying; contains 40 per cent nicotine. 4 lbs. \$6.35; 8 lbs. \$10.75.

NNOR

Gives high kill when used as a general greenhouse spray for red spider (in young, adult and eggs), green aphids, leaf tyers, leaf hopper, mealy bugs. Gal. \$10.00; 5 gals. \$45.00.

PARIS GREEN

A poisonous insecticide in powder form; for insects which chew. $\frac{1}{4}$ lb. 20c; 1 lb. 50c; 5 lbs. \$2.25.

PYRETHRUM POWDER

Lb., 65c; 5 lbs., \$3.00.

RED ARROW (SPECIAL)

For control of aphids, thrips, leaf tyers, and leaf rollers, which cause untold damage to chrysanthemums, roses, and other flowers in greenhouses and outdoor beds. Gal., \$11.35; 5 gals. \$55.00.

SELOCIDE

Kills red spiders. Selocide kills from 90 to 100 per cent of red spiders (Tetranychus Telarius L.) in just one application. Selocide also kills the eggs and it does not harm tender plants when properly used. Gal. \$3.00; 5 gals. \$13.50.

SEMESAN

The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings. Gladioli, and disinfection of seed bed soil. 2 ozs. 35c; 1 lb. \$2.25.

SLUG SHOT (Hammond's)

Dust with Rotenone. Kills garden insects. 1-lb. can 30c; 5-lb. can \$1.00.

SNAROL

Snarol—an attractive bait meal—will quickly rid your garden of cutworms, snails, slugs, sowbugs, earwigs, and grasshoppers. Snarol is a ready-prepared meal that you simply broadcast about plants and shrubs after you sprinkle them in the evening. $\frac{1}{2}$ lbs. 35c; 6 lbs. \$1.00.

SULPHATE OF IRON

A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 10 lbs. 65c; 25 lbs. \$1.00; 100 lbs. \$3.00.

TARTAR EMETIC

For Gladioli Thrips—absolute control if properly used. 4 lbs. Tartar Emetic; 16 lbs. Brown Sugar; 100 gallons of water. 5 lbs. \$4.00;

TREE TANGLEFOOT

Is unsurpassed in protective usefulness for orchards, shade trees and vineyards.

6 oz. case 24.....	Doz.	\$3.60	Each	\$0.45
1 lb. case 24.....	Doz.	6.40	Each	.80
5 lb. case 6.....	Case	16.80	Each	3.75
10 lbs., \$5.25; Retail \$7.00;		25 lbs., \$12.00; Retail \$15.00.		

TERRO ANT KILLER

Best remedy to get rid of ants. Pkg. 25c; doz. \$2.00.

TERRO ROACH KILLER

Is guaranteed to kill Roaches and Water Bugs, if used according directions.

4-oz. can 35c; doz. \$2.80 16-oz. can \$1.00; doz. \$8.00

TRIOGEN

Size Pkg.	No. Per Case	Retail Price Each Pkg.
"A" Kit (Makes 16 Qts.)	36	\$ 1.50
"B" Kit (Makes 64 Qts.)	24	4.00
"C" Kit (Makes 32 Gals.)	12	6.00
"D" Kit (Makes 128 Gals.)	3	20.00

TOBACCO DUST

For dusting on roses and foliage plants; also used in mixing potting soil. 100 lb. bag \$2.90.

VERDOL—SUMMER SPRAY

For trees, plants and shrubbery. 1 gal. \$1.45; 5 gals. \$4.55.

VOLCK

The scientific insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids, thrips. ½ pt., 35c; qt., 75c; gal., \$2.25; 5 gals., \$6.75.

WEED KILLER (Hammond's)

Kills weeds in gutters, roads, paths, tennis courts, etc. Will not discolor cement. Use 1 part Weed Killer to 50 parts of water. gal. \$1.50; 5 gals. \$6.25.

HAMMOND'S FLY AND MOSQUITO SPRAY

Stainless—Pleasant to use. Quart can 35c; gal. can \$1.25.

CANE STAKES—COTTON TWINE—POT LABELS—SUPPLIES

CANE STAKES—GREEN JAPANESE

Green Dyed. 2,000 to a bale. Hot water treated before dyed, which prevents fungus and premature decay. (Due to uncertain conditions we cannot guarantee price.)

	Per Bale 2000	Per Bale 2000
1½ ft. green.....	\$4.00	3½ ft. green..... \$ 9.50
2 ft. green.....	5.50	4 ft. green..... 12.50
2½ ft. green.....	7.00	5 ft. green..... 16.00
3 ft. green.....	8.50	

POT LABELS

	Plain	Painted
Packed in Cartons.....		
4 x ¾ inch, 1000.....	\$1.90	\$2.20
5 x ¾ inch, 1000.....	2.00	2.40
6 x ¾ inch, 1000.....	2.20	2.70
8 x ¾ inch, 500.....	3.50	4.00
10 x ¾ inch, 500.....	3.90	4.90
12 x 1½ inch, packed in cartons of 100 each, per carton....	1.00	

LABELS—TREE—Copper Wired

	Plain	Painted
3½ inches long, ¾ inches wide.....	\$1.95	\$2.50

WEATHERPROOF PENCILS

For marking labels. Will not rub off or fade. Each 10c; doz. \$1.00

SPRINKLER

Made of best quality of rubber and will outwear any other Sprinkler in the market. Scollay's, \$1.35;

GLAZING MATERIAL FOR GREENHOUSE

PUTTY BULB A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each \$1.15.



SAFETY GLAZING GUN

Best for liquid putty. Each \$3.25

GLAZING PUTTY

This, the original glazing plastic, has been used for years by exacting greenhouse owners everywhere. It is easy to apply with either bulb or gun. Gal. \$1.95; 5 gals. \$8.90.

VITAPANE

The latest development in flexible glass substitutes. 50-ft. roll—36 inches wide \$6.20 50 yd. roll \$18.50.



ROOTONE—Hormone Powder for Cuttings

Treat your cuttings with Rootone. It is foolproof. No skill required. It effectively prevents damping off of seedlings.

2-oz. jar for 3,000 cuttings... \$1.00
1-lb. jar for 30,000 cuttings... 5.00

HORMODIN No. 1 POWDER

Designed primarily for use on carnations, chrysanthemums, poinsettias.

1½-oz. tin for 3,000 cuttings... \$0.50
1-lb. tin for 30,000 cuttings... 3.00

TRANSPLANTONE

For treatment of transplants of all kinds, it contains the root-forming hormones, vitamin B-1 and other members of the vitamin B complex, important in plant growth. 3 ozs. \$1.00; 1 lb. \$4.00.

CUPROCID—For Seedling Protection

Control of Damping-Off at Ground Surface Level

"THE YELLOW COPPER OXIDE SPRAY"

Controls mildew, anthracnose and leaf blight on annuals, perennials, and shade trees; also post emergence damping off of seedlings.

Use CUPROCID at 3 lbs. per 100 gallons of spray. Follow directions on the bag.
3 lb. bags, each \$1.40.



ARNOLD GARDEN HOSE INSECTICIDE SPRAYER

Arnold Transparent Sprayer (Transparent Chamber) \$3.20
Arnold Standard Combination Package. (Standard sprayer with 6 assorted cartridges) 4.60
Arnold Cartridges, Nicotine, Arsenate, Pyrethrum, Rotenone, etc. doz. 3.20

COTTON TWINE—Very Best Grade

In balls, 3 ply, 5-lb. bag..... \$2.35
In balls, 4 ply, 5-lb. bag..... 2.35
In 2½-lb. cones, 3 ply..... 1.35
Write for price on 25 lbs. or over.

SEA ISLAND TWINE

Used for wrapping small packages. Also for spray and design work. Blue, Red, Pink, Lemon, Orange, Purple, Red & White, Blue & White, in 2-lb. cones, at \$1.40.

NEPONSET RED FLOWER POTS

These Neponset Red Pots are made of specially treated paper intended for use in shipping plants which have been grown in clay pots.



Packed 1000 to case	Packed 500 to case
Per Case	Per Case
2½ inch.....\$3.75	4 inch.....\$ 4.00
2½ inch.....4.10	5 inch.....5.40
3 inch.....5.10	6 inch.....7.00
3½ inch.....6.25	

TWIST-EMS

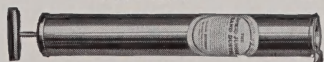
New handy plant tie. (Packed 5,000 to carton). Price per 1,000—6-in. 85c; 8-in. \$1.10.

WOOD PLANT BANDS

Stapled, Ready to Use

	Size	Weight	Price
1000.....	2x2x2½	18 lbs.	\$2.70
1000.....	2x2x3	28 lbs.	2.90
1000.....	2½x2½x3	30 lbs.	2.90
1000.....	3x3x3	35 lbs.	3.00
1000.....	4x4x4	60 lbs.	4.75

RIDGID JUNIOR DUST GUN



Stoutly made for long service. Easy to fill and operate. Holds 8 ounces of dust per filling. \$1.45.



FERTILIZERS for Better Crops

The highest grade only. Guaranteed analysis. Prices net cash and subject to market changes. All F. O. B. St. Louis. If you are in the market for Ton Lots, please write for price.

ALUMINUM SULPHATE

For making acid soil. Also used in benches that contain too much lime. 100 lbs. \$2.95.

ARMOUR'S SPECIAL FLORISTS MIXTURE

All inorganic and quickly available—5 per cent nitrogen, 15 per cent available phosphoric acid, 5 per cent potash. Before planting apply 6 lbs. per 100 square feet and work thoroughly into soil. For soil piles, mix 4-inch potful with each wheelbarrow of soil. 100 lbs. \$2.60.

ARMOUR'S BONE, BLOOD AND POTASH

Fertilizer Mixture (Analysis) 5-8-7

For potting soil, use about 20 lbs. to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass seed is sown, after loosening the surface of the soil. It is excellent for carnations if applied by the end of October or in November. 100 lbs. \$3.65.

ARMOUR'S SPECIAL TURF FERTILIZER No. 1—10-8-6

Complete fertilizer for lawns and flower beds. 100-lb. bag \$2.75.

ARMOUR'S SPECIAL TREE FOOD—10-8-6

Specialty prepared fertilizer for feeding trees. 100-lb. bag \$2.75.

BONE MEAL 2-2-4

Best grade of steamed bone for general use. 2% nitrogen, 24% phosphoric acid. Used under glass or outside for nearly all plants. 100 lb. bag, \$2.90.

BONE AND BLOOD.

Use one pound to bushel of soil for potting soils, one-fourth pound to square yard as top dressing. 100 lbs. \$3.50.

CATTLE MANURE (2% Nitrogen, 1% Total Phosphoric Acid, 1% Potash)

This is a very high grade material, heat dried, and free from straw, being all pure Cattle Manure. 100 lb. bag \$1.60.

SHEEP MANURE—Pulverized (2% Nitrogen, 1% Total Phosphoric Acid, 2% Potash)

This is a pure, natural Manure. It is excellent for mixing with the soil for greenhouse flats—one part Manure and six parts soil. 100 lb. bag \$1.60.

COTTON SEED MEAL

7% Nitrogen, 3% Phosphoric Acid, 2% Potash. 100-lb. bag \$3.25.

DRIED BLOOD (13½% Nitrogen)

For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. Ideal in manure mulch on bench plants. Two to four pounds per 100 square feet. 100 Lb. bags—ASK FOR PRICE.

HARDWOOD CHARCOAL (Granulated Fine)

For mixing in soil in seed flats, cutting benches and pot plants. 50 lb. bags \$1.50.

HORN SHAVINGS (13% Nitrogen)

Best used for mixing potting soil; quick acting. 50-lb. bag (write for price).

LOMA

Use Loma for feeding carnation, snapdragon, and all greenhouse plants. 100 lbs. \$2.75.

MILORGANITE

Milorganite contains no weed seeds or harmful bacteria. Scientific processes assure purity. Being organic, Milorganite stimulates desirable soil bacteria of all kinds. 50 lbs. \$1.25; 100 lbs. \$2.10; ton \$40.00.

MURIATE OF POTASH

Used in addition to bone meal on various plantings. 100 lbs. (Write for price).

NITRATE OF SODA

16% inorganic nitrogen, readily soluble and quickly available for side or top dressing, or in liquid manures. For the Home Garden apply as a solution one ounce to two gallons of water. Price (subject to market changes), 25 lbs. \$1.00; 100 lbs. \$3.25.

MICHIGAN PEAT

The ideal all-organic soil builder and plant food. Michigan Peat is the ideal organic soil builder and plant food for seed flats, and mixing for potting and greenhouse bench soil. A neutral peat containing 3% nitrogen. For seed flats use one-half peat and one-half good loam; for potting use one-fourth peat and three-fourths soil. 100-lb. bag, \$1.95. Write for price on bulk car lots.

PEAT MOSS (Granulated)

A moisture retaining humus for mixing potting soil. Large standard bale. \$3.50.
10 Bales \$3.40 per Bale.



SULPHATE OF AMMONIA

Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 lb. to 50 square feet of ground or bench. 100 lb. bag, \$2.90.

SUPER ACID PHOSPHATE (20% Phosphoric Acid)

Used for Carnation soil and other crops requiring phosphoric acid. 100 lbs. \$1.80.

SWIFT RED STEER 12-6-4

A golf and lawn fertilizer that is also good for feeding trees and shrubs. For golf courses and lawns, use 6 to 8 lbs. per 100 sq. feet.; 400 to 500 lbs. per acre. Price, 100-lb. bag \$2.75.

SWIFT RED STEER 4-12-4

A well-balanced plant food for commercial growers for feeding and making potting soil. Use 5-inch pot for wheelbarrow of earth. 100 lbs. \$2.15.

SWIFT RED STEER 4-8-6

A balanced food for Dahlia, Narcissus and all root crops. 100 lb. bag \$2.25.

TOBACCO MULCH

For shrubs and flowers. 100 lbs., \$1.45.

VIGORO

1-lb. pkg., case of 32, \$1.92; 5-lb., case of 14, \$4.06; 10-lb., case of 6, \$3.36; 25 lbs., each \$1.05; 50 lbs., each \$1.70; 100 lbs. \$2.75; 300 lbs. or more delivered free to your railroad station.

ADVANCE ORDERS!

Place Your Orders Now for

OREGON-GROWN ROSES

HYBRID TEAS-POLYANTHAS

For Delivery December and January, February, 1943

Also for Fall Planting

FREESIA, DUTCH IRIS, NARCISSUS, TULIPS

A. H. HUMMERT SEED CO.

ST. LOUIS, MO.